

ABSTRACT OF THE DISCLOSURE

5 This invention describes an improvement in a process for purifying a nitrogen trifluoride (NF_3) stream containing unreacted F_2 , HF, and nitrogen oxides from an NF_3 reactor wherein the F_2 , and HF are removed and then the nitrogen oxides removed by adsorption. The improvement in the process resides in selectively removing the F_2 from said NF_3 stream without generating oxygen difluoride, removing HF and then removing said nitrogen oxides by adsorption. Further purification can be effected as desired.

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